PDR RID Report

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Category Name Design-Ingest **Actionee** HAIS
Sub Category
Subject Data Ingest

Description of Problem or Suggestion:

There are, and will continue to be, many data sets in “non-standard” ingest format. Either ECS needs to broaden its suite of formats acceptable to the ingest subsystem or the DAACs will be swamped with reformatting activities.

Originator’s Recommendation

Negotiate now with data providers in addition to those in Release A to work toward a common ingest format. Also provide for other formats to accommodate other high priority data sets (such as NSCAT, SeaWinds, RadarSat).

GSFC Response by: **GSFC Response Date**

HAIS Response by: **HAIS Schedule**
HAIS R. E. V. Grella **HAIS Response Date** 5/22/95

The following are some standards and guidelines for ECS ingested data:
- Metadata in PVL format (preferrably in extracted files)
- Metadata in compliance with core metadata baseline for high level of service
- Data in HDF for high level of service
- A list of acceptable media is defined in Functional & Performance Requirements Specification (F&PRS) (i.e., 8mm)
- A delivery record file is required for media ingest

The complete of set of standards and guidelines (and related details) for ingest data formats and organization will be documented in the CDR Design Specification (DID 305) and the appropriate ICDs. Data set specific requirements not within this set of guidelines/standards may be negotiated with the ECS Project.

The ECS Project is currently identifying archive formats, and the services which can be made available for data in each of these archive formats. HDF has been identified as the primary archive format. Therefore, data provided to ECS in HDF or converted to HDF by ECS will have a relatively high level of service associated with it. Other formats will be accepted by ECS; however, the level of services available will be at a lower level. For instance, some data will be in SFDUs. ECS will provide only basic services (e.g., insert, search metadata, retrieve) for SFDU data. No subsetting or other more complicated services will be provided. This is acceptable for some data sets, such as Level 0 data since no (extensive) user access is anticipated. In the case of V0 data sets, ECS will provide the tools and functionality to perform the reformatting on V0 data sets which require higher levels of services.

Since SeaWinds is a EOS Release B data set, the inteface enginering and data modelling group will be actively coordinating data format issues for the SeaWinds Data Set. NSCAT and RadarSat data format issues, as well other V0 data sets, are being currently being worked via the V0 Engineering Effort. ECS will make the most of the opportunity to influence future V0 data set formats such as NSCAT.

Status **Closed** **Date Closed** **7/6/95** **Sponsor** **Kobler**

****** **Attachment if any** ******